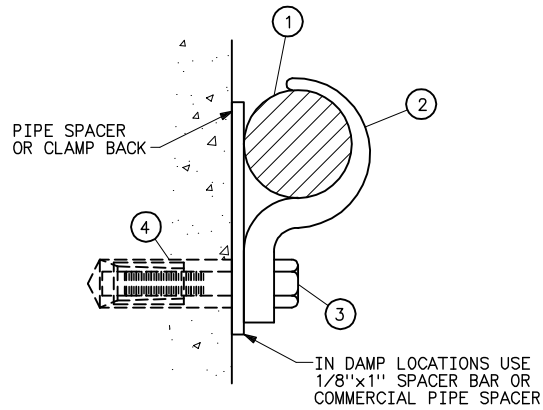
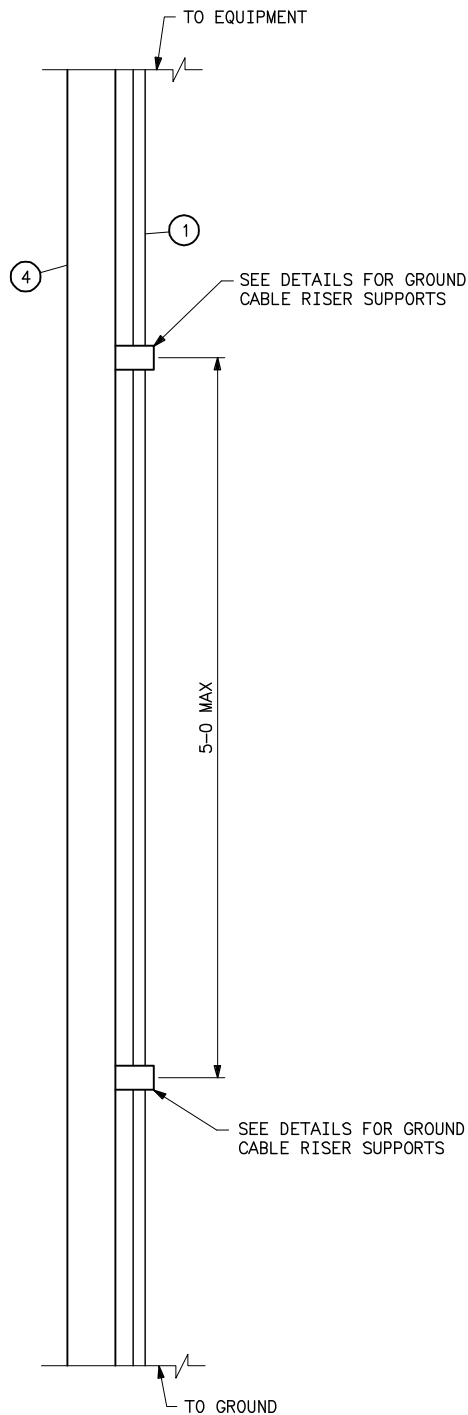
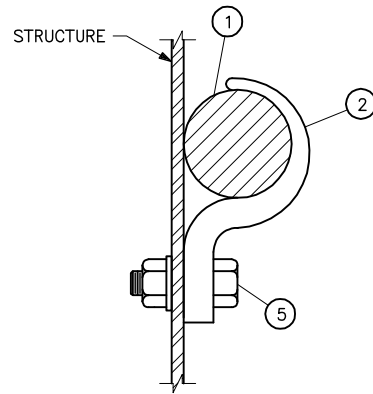


Mar 22, 2006- 2:25pm Plotted By: Seela S:\Engineering\Standard Drawings\31\31_1077c.dwg Last Saved By: palmer IMAGES:



CABLE CLAMPING ON
CONCRETE SURFACE

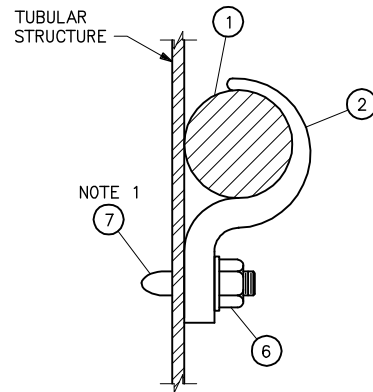
DETAIL A



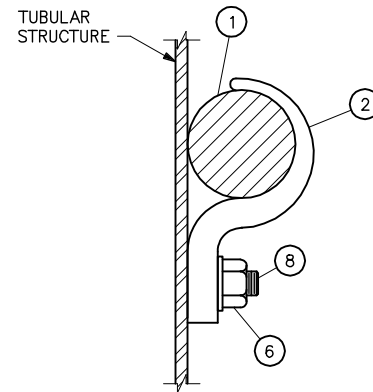
CABLE CLAMPING ON
METALLIC STRUCTURE

(BOTH SIDES ACCESSIBLE)

DETAIL B



DETAIL C



DETAIL D

CABLE CLAMPING ON
TUBULAR STEEL STRUCTURE

REFERENCE MATERIALS

ITEM NO.	DESCRIPTION
1	COPPER GROUNDING CABLE
2	GROUND CONNECTOR (BURNDY TYPE GBM)
3	MACHINE SCREW AND LOCKWASHER
4	EXPANSION ANCHOR
5	MACHINE BOLT, NUT AND LOCKWASHER
6	MACHINE NUT AND LOCKWASHER, GALV STEEL
7	POWDER DRIVEN THREADED STUD (3/8 INCH DIA)
8	STUD BOLT, 1/2 INCH DIAMETER x LENGTH AS REQUIRED, END FLUX WELDED TO STRUCTURE

NOTES

1. THE 3/8 INCH STUD SHALL BE DRIVEN INTO THE TUBULAR STEEL STRUCTURE WITH A POWDER ACTUATED FASTENING TOOL EQUAL TO THAT MANUFACTURED BY RAMSET FASTENING SYSTEM.

C	7-15-03 A7-RC	REVISED TITLE BLOCK ONLY.
B	5-14-99 A3-OP	REDRAWN.
SUPERSEDES DWG NO. 40-D-6309		
UNITED STATES DEPARTMENT OF ENERGY WESTERN AREA POWER ADMINISTRATION CORPORATE SERVICES OFFICE - LAKEWOOD, COLORADO		
SUBSTATION STANDARD GROUND CABLE ON TUBULAR STEEL STRUCTURES SUPPORT DETAILS		
DESIGNED BUREC _____ APPROVED ROSS M. CLARK ELECTRICAL ENGINEERING MANAGER		
C A-E	JULY 16, 1979	31 1077